# WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, January 10, 2007

| Hide? | Set Name | Query | Hit Count |
|---|---|---|---|
| | *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ* | | |
| ☐ | L16 | L13 and neurons | 48 |
| ☐ | L15 | selenoprotein p administration | 1 |
| ☐ | L14 | L13 and acetylcholine receptor | 18 |
| ☐ | L13 | selenoprotein P | 145 |
| ☐ | L12 | selenoprotein p and neurotransmission | 7 |
| | *DB=DWPI,JPAB,EPAB,USOC,USPT,PGPB; PLUR=YES; OP=ADJ* | | |
| ☐ | L11 | WADA-KEIJI! | 310 |
| ☐ | L10 | NODA-MAMI! | 3 |
| ☐ | L9 | MAEDA-HIROAKI! | 335 |
| ☐ | L8 | MATSUDA-JUNICHI! | 321 |
| ☐ | L7 | KAMINAKA-KAZUYOSHI! | 15 |
| ☐ | L6 | HIRASHIMA-MASAKI! | 29 |
| ☐ | L5 | HIRASHIMA-MASAKI! | 29 |
| ☐ | L4 | NARUSE-TAKESHI! | 34 |
| ☐ | L3 | NARUSE-TAKESHI! | 34 |
| ☐ | L2 | KAWAMURA-RYOICHI! | 30 |
| ☐ | L1 | KAWAMURA-RYOICHI! | 30 |

END OF SEARCH HISTORY

Case #: 10/536963
WEST (PGPB, USPT, USOC, DWPI, JPAB, EPAB)
1/10/07
AD

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FILE 'MEDLINE' ENTERED AT 17:52:10 ON 10 JAN 2007

FILE 'BIOSIS' ENTERED AT 17:52:10 ON 10 JAN 2007
Copyright (c) 2007 The Thomson Corporation

=> s selenoprotein
L1         2252 SELENOPROTEIN

=> s neuro? disease
L2        61952 NEURO? DISEASE

=> s acetylcholine receptor
L3        32635 ACETYLCHOLINE RECEPTOR

=> s treatment
L4      3626407 TREATMENT

=> s l2 and l4
L5        10537 L2 AND L4

=> s l5 and l3
L6           99 L5 AND L3

=> s l6 and l1
L7            0 L6 AND L1

=> s l2 and l1
L8           11 L2 AND L1

=> s neurotransmission
L9        29905 NEUROTRANSMISSION

=> s l1 and l9
L10           0 L1 AND L9

=> disp l8 ibib abs 1-11
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Case # 10/556 963.
STN (BIOSIS, MEDLINE)
1/10/07
AG

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FILE 'CAPLUS' ENTERED AT 18:03:56 ON 10 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 10 Jan 2007  VOL 146 ISS 3
FILE LAST UPDATED: 9 Jan 2007  (20070109/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> E KAWAMURA RYOICHI/IN 25
E1            2     KAWAMURA ROKUTARO/IN
E2            1     KAWAMURA RYO/IN
E3           14 --> KAWAMURA RYOICHI/IN
E4            7     KAWAMURA RYOJI/IN
E5            6     KAWAMURA RYOSUKE/IN
E6            1     KAWAMURA RYOUITI/IN
E7            1     KAWAMURA RYUHJI/IN
E8            1     KAWAMURA RYUICHI/IN
E9            2     KAWAMURA RYUJI/IN
E10           9     KAWAMURA RYUSUKE/IN
E11           1     KAWAMURA RYUZO/IN
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E13          18     KAWAMURA SABURO/IN
E14           1     KAWAMURA SACHIKO/IN
E15           1     KAWAMURA SADAMI/IN
E16          23     KAWAMURA SADAO/IN
E17           1     KAWAMURA SADATO/IN
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E19           5     KAWAMURA SAIHEI/IN
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E21           2     KAWAMURA SARA/IN
E22           2     KAWAMURA SARARA/IN
E23           4     KAWAMURA SATOJI/IN
E24           1     KAWAMURA SATOKO/IN
E25           5     KAWAMURA SATOMI/IN

=> S (E3) AND (SELENOPROTEIN)
             14 "KAWAMURA RYOICHI"/IN
           1089 SELENOPROTEIN
            626 SELENOPROTEINS
           1298 SELENOPROTEIN
                  (SELENOPROTEIN OR SELENOPROTEINS)
L1            2 ("KAWAMURA RYOICHI"/IN) AND (SELENOPROTEIN)

=> DIS L1 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS.
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
```

ACCESSION NUMBER: 2004:529749 CAPLUS
DOCUMENT NUMBER: 141:65101
TITLE: Selenocysteine-containing proteins and peptides as antiinflammatory agents
INVENTOR(S): Matsuyama, Reiko; Kawamura, Ryoichi; Sasaki, Takumi; Naruse, Takeshi; Hirashima, Masaki; Maeda, Hiroaki
PATENT ASSIGNEE(S): D.N.H. Chip Kenkyusho K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2004182683 | A | 20040702 | JP 2002-354122 | 20021205 |

PRIORITY APPLN. INFO.: JP 2002-354122 20021205
ABSTRACT:
Selenocysteine-containing proteins and peptides, including selenoprotein P, are claimed as antiinflammatory agents for treatment of IL-6 formation-related inflammatory diseases.

=> DIS L1 2 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:490735 CAPLUS
DOCUMENT NUMBER: 141:47351
TITLE: Novel agent for improving neurotransmission failure
INVENTOR(S): Kawamura, Ryoichi; Naruse, Takeshi; Hirashima, Masaki; Kaminaka, Kazuyoshi; Matsuda, Junichi; Maeda, Hiroaki; Noda, Mami; Wada, Keiji
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004050114 | A1 | 20040617 | WO 2003-JP15227 | 20031128 |
| W: US | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2004182616 | A | 20040702 | JP 2002-348714 | 20021129 |
| EP 1566181 | A1 | 20050824 | EP 2003-812336 | 20031128 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK | | | | |
| US 2006211609 | A1 | 20060921 | US 2005-536963 | 20050531 |

PRIORITY APPLN. INFO.: JP 2002-348714 A 20021129
WO 2003-JP15227 W 20031128
ABSTRACT:
It is intended to provide a novel agent for improving neurotransmission failure. In a preferable case, an agent for improving neurotransmission failure which contains, as the major active ingredient(s), a selenocysteine-containing protein typified by selenoprotein P, a

C-terminal peptide of this protein or such peptides. This agent is appropriate in improving neurotransmission failure diseases caused by various factors.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> E NARUSE TAKESHI/IN 25
E1            1     NARUSE TAKEMITSU/IN
E2            5     NARUSE TAKEO/IN
E3           12 --> NARUSE TAKESHI/IN
E4            4     NARUSE TAKUMI/IN
E5            1     NARUSE TAKUSANE/IN
E6           24     NARUSE TATSUYA/IN
E7            2     NARUSE TERUKAZU/IN
E8            1     NARUSE TETSUO/IN
E9           18     NARUSE TETSURO/IN
E10           1     NARUSE TETSUYA/IN
E11           1     NARUSE TOHRU/IN
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E18           1     NARUSE TOSHIHIKO/IN
E19           3     NARUSE TOSHIHIRO/IN
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E21           3     NARUSE TOSHINORI/IN
E22           3     NARUSE TOSHIO/IN
E23           1     NARUSE TSUGIO/IN
E24           1     NARUSE TSUNCHIDE/IN
E25           4     NARUSE TSUNEHIDE/IN

=> S (E3) AND (SELENOPROTEIN)
            12 "NARUSE TAKESHI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L2            6 ("NARUSE TAKESHI"/IN) AND (SELENOPROTEIN)

=> DIS L2 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L2   ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2004:529749  CAPLUS
DOCUMENT NUMBER:         141:65101
TITLE:                   Selenocysteine-containing proteins and peptides as
                         antiinflammatory agents
INVENTOR(S):             Matsuyama, Reiko; Kawamura, Ryoichi; Sasaki, Takumi;
                         Naruse, Takeshi; Hirashima, Masaki; Maeda,
                         Hiroaki
PATENT ASSIGNEE(S):      D.N.H. Chip Kenkyusho K. K., Japan
SOURCE:                  Jpn. Kokai Tokkyo Koho, 16 pp.
                         CODEN: JKXXAF
DOCUMENT TYPE:           Patent
LANGUAGE:                Japanese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE       APPLICATION NO.       DATE
     --------------      ----   --------   --------------------  --------
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| | | | | |
|---|---|---|---|---|
| JP 2004182683 | A | 20040702 | JP 2002-354122 | 20021205 |
| PRIORITY APPLN. INFO.: | | | JP 2002-354122 | 20021205 |

ABSTRACT:
Selenocysteine-containing proteins and peptides, including selenoprotein P, are claimed as antiinflammatory agents for treatment of IL-6 formation-related inflammatory diseases.

=> DIS L2 2 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L2 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

| | |
|---|---|
| ACCESSION NUMBER: | 2004:490735 CAPLUS |
| DOCUMENT NUMBER: | 141:47351 |
| TITLE: | Novel agent for improving neurotransmission failure |
| INVENTOR(S): | Kawamura, Ryoichi; Naruse, Takeshi; Hirashima, Masaki; Kaminaka, Kazuyoshi; Matsuda, Junichi; Maeda, Hiroaki; Noda, Mami; Wada, Keiji |
| PATENT ASSIGNEE(S): | Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan |
| SOURCE: | PCT Int. Appl., 31 pp.<br>CODEN: PIXXD2 |
| DOCUMENT TYPE: | Patent |
| LANGUAGE: | Japanese |
| FAMILY ACC. NUM. COUNT: | 1 |

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004050114 | A1 | 20040617 | WO 2003-JP15227 | 20031128 |
| W: US | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2004182616 | A | 20040702 | JP 2002-348714 | 20021129 |
| EP 1566181 | A1 | 20050824 | EP 2003-812336 | 20031128 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK | | | | |
| US 2006211609 | A1 | 20060921 | US 2005-536963 | 20050531 |
| PRIORITY APPLN. INFO.: | | | JP 2002-348714 A | 20021129 |
| | | | WO 2003-JP15227 W | 20031128 |

ABSTRACT:
It is intended to provide a novel agent for improving neurotransmission failure. In a preferable case, an agent for improving neurotransmission failure which contains, as the major active ingredient(s), a selenocysteine-containing protein typified by selenoprotein P, a C-terminal peptide of this protein or such peptides. This agent is appropriate in improving neurotransmission failure diseases caused by various factors.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L2 3 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

| | |
|---|---|
| ACCESSION NUMBER: | 2002:888926 CAPLUS |
| DOCUMENT NUMBER: | 137:380908 |
| TITLE: | Screening system for inhibitors of cell apoptosis and the use of the system for screening of selenocystine |
| INVENTOR(S): | Hirashima, Masaki; Naruse, Takeshi; Maeda, |

Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Hattori, Wataru

PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.

SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002092810 | A1 | 20021121 | WO 2002-JP4557 | 20020510 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| EP 1386963 | A1 | 20040204 | EP 2002-724757 | 20020510 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| EP 1726649 | A2 | 20061129 | EP 2006-10000 | 20020510 |
| R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR | | | | |
| US 2005143311 | A1 | 20050630 | US 2003-477101 | 20031110 |

PRIORITY APPLN. INFO.: JP 2001-141466 A 20010511
EP 2002-724757 A3 20020510
WO 2002-JP4557 W 20020510

ABSTRACT:
This invention provides a system for screening of inhibitors of cell apoptosis. The effect of substances on the cell death in serum free medium containing albumin and fatty acid was used for screening inhibitor of apoptosis. In this system, the decrease of peroxidized fat content and increase of glutathione peroxidase activity were used as indicators for inhibition of apoptosis. Using the system provided in this invention, the 260-362 fragment of selenoprotein P was screened as low cytotoxic cell apoptosis inhibitor.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L2 4 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:888588 CAPLUS
DOCUMENT NUMBER: 137:380034
TITLE: Novel remedies for neurodegenerative disease
INVENTOR(S): Hirashima, Masaki; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Fukushima, Hidenao

PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.

SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|

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     WO 2002092121         A1    20021121    WO 2002-JP4558          20020510
         W:  AU, CA, JP, US
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE, TR
     EP 1393740            A1    20040303    EP 2002-769564          20020510
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI, CY, TR
     US 2005143310         A1    20050630    US 2003-477216          20031110
PRIORITY APPLN. INFO.:                       JP 2001-141462       A  20010511
                                             WO 2002-JP4558       W  20020510

ABSTRACT:
Remedies for neurodegenerative diseases which comprise selenoprotein
P or C-terminal peptide(s) of this protein as the main active ingredient.
These remedies are appropriately usable for neurodegenerative diseases showing
motor ataxia as the major symptom.

REFERENCE COUNT:          9     THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> disp l2 ibib abs 5-6
THE ESTIMATED COST FOR THIS REQUEST IS 5.66 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L2   ANSWER 5 OF 6  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2002:754241  CAPLUS
DOCUMENT NUMBER:          137:273195
TITLE:                    Novel drugs containing selenoprotein P for
                          preventing/treating immune diseases
INVENTOR(S):              Hirashima, Masaki; Sasaki, Takumi; Naruse,
                          Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S):       Juridical Foundation the Chemo-Sero-Therapeutic
                          Research Institute, Japan
SOURCE:                   PCT Int. Appl., 26 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     WO 2002076493         A1    20021003    WO 2002-JP2645          20020320
         W:  AU, CA, JP, US
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE, TR
PRIORITY APPLN. INFO.:                       JP 2001-84049        A  20010323
AB   Disclosed are novel preventives and remedies for immunopathic diseases
     which contain selenoprotein P and/or peptide(s) of this protein
     as the main component.  These preventives and remedies are appropriately
     usable for autoimmune diseases typified by rheumatoid arthritis and
     multiple sclerosis and allergic diseases typified by bronchial asthma.  A
     selenoprotein P fragment was isolated from human plasma, and its
     effect on collagen-induced arthritis in mouse was examined
REFERENCE COUNT:          10    THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2   ANSWER 6 OF 6  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2002:754240  CAPLUS
DOCUMENT NUMBER:          137:273220
TITLE:                    Novel agents containing selenoprotein P for
                          ameliorating motor disorder
INVENTOR(S):              Hirashima, Masaki; Sasaki, Takumi; Naruse,
                          Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
```

PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
|---|---|---|---|---|---|
| WO 2002076492 | A1 | 20021003 | WO 2001-JP7525 | | 20010831 |
| W: AU, CA, JP, US | | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | | |
| CA 2441403 | A1 | 20021003 | CA 2001-2441403 | | 20010831 |
| EP 1374887 | A1 | 20040102 | EP 2001-961246 | | 20010831 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | | |
| US 2005037954 | A1 | 20050217 | US 2003-472444 | | 20030923 |
| PRIORITY APPLN. INFO.: | | | JP 2001-84050 | A | 20010323 |
| | | | WO 2001-JP7525 | W | 20010831 |

AB Disclosed are novel remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) which contain as the main component(s) selenoprotein P and/or peptide(s) of this protein. These remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) are appropriately usable particularly for diseases in association with depression in motor function. A selenoprotein P fragment was isolated from human plasma, and its effect on motor disorder in Klotho mouse was examined

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> E HIRASHIMA MASAKI/IN 25
E1          10     HIRASHIMA MAREHIKO/IN
E2           1     HIRASHIMA MASAAKI/IN
E3          17 --> HIRASHIMA MASAKI/IN
E4          18     HIRASHIMA MASAO/IN
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E23          1     HIRASHIMA SAIKICHI/IN
E24          1     HIRASHIMA SEKI/IN
E25          1     HIRASHIMA SHIGEO/IN

=> S (E3) AND (SELENOPROTEIN)
            17 "HIRASHIMA MASAKI"/IN
          1089 SELENOPROTEIN
```

```
          626 SELENOPROTEINS
         1298 SELENOPROTEIN
                (SELENOPROTEIN OR SELENOPROTEINS)
L3         12 ("HIRASHIMA MASAKI"/IN) AND (SELENOPROTEIN)

=> DIS L3 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3   ANSWER 1 OF 12  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2006:1355995  CAPLUS
TITLE:                   Prophylactic or therapeutic agent for
                         corneal/conjunctival disease
INVENTOR(S):             Watanabe, Masanao; Tsubota, Kazuo; Hirashima,
                         Masaki; Nozaki, Chikateru
PATENT ASSIGNEE(S):      Kowa Company, Ltd., Japan; Juridical Foundation the
                         Chemo-Sero-Therapeutic Research Institute
SOURCE:                  PCT Int. Appl., 20pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                Japanese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     WO 2006137426         A1    20061228    WO 2006-JP312392        20060621
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
             KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
             MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU,
             SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,
             US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.:                   JP 2005-182597      A  20050622
ABSTRACT:
Disclosed is a novel composition for the treatment of a corneal/ conjunctival
disease.  A prophylactic or therapeutic agent for a corneal/conjunctival
disease comprising selenoprotein P as an active ingredient, more
specifically a prophylactic or therapeutic agent for a corneal/conjunctival
disease such as dry eye, keratoconjunctivitis sicca, punctate superficial
keratitis, corneal erosion or corneal ulcer comprising selenoprotein
P as an active ingredient, particularly a prophylactic or therapeutic agent for
a corneal/conjunctival disease such as dry eye, keratoconjunctivitis sicca,
punctate superficial keratitis, corneal erosion or corneal ulcer accompanied by
a corneal and conjunctival epithelial disorder.

REFERENCE COUNT:         3     THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> DIS L3 2 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3   ANSWER 2 OF 12  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2004:1038232  CAPLUS
DOCUMENT NUMBER:         142:18453
TITLE:                   Recombinant expression of selenocysteine-containing
```

proteins in animal cells: secretion of human selenoprotein P in milk of transgenic mouse with β-casein promoter
INVENTOR(S): Hosoe, Misa; Tokunaga, Tomoyuki; Furusawa, Ki; Takahashi, Kiyoya; Matsuda, Junichi; Hirashima, Masaki; Uenaka, Kazuyoshi; Maeda, Hiroaki
PATENT ASSIGNEE(S): The Chemo-Sero-Therapeutic Research Institute, Japan; National Institute of Agrobiological Resources NIAR; National Institute of Agro-Environmental Sciences
SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2004337090 | A | 20041202 | JP 2003-138582 | 20030516 |

PRIORITY APPLN. INFO.: JP 2003-138582 20030516
ABSTRACT:
A gene construct for recombinant expression of selenocysteine-containing proteins, and its use in production of selenoproteins in animal cells, in are disclosed. The expression unit contains a regulatory sequence specific for secretory organs, selenoprotein coding sequence, and a selenocysteine insertion sequence (SECIS) located in the 3'-UTR. Transcriptional control sequence of β-casein, β-lactoglobulin, or whey acidic protein for secretion in milk, regulatory sequence of blood proteins, or liver expressed proteins for serum secretion, and other for urinary or semen secretion, is used. Egg, embryo, ES cell, primordial germ cell (PGC), or somatic cell is transformed with the expression construct to obtain a transgenic animal cell, which can be transplanted into a mammal or a bird. In order to secrete into milk, human selenoprotein P cDNA was ligated to bovine β-casein gene promoter. The resulting expression unit was microinjected into a mouse fertilized egg. Up to 2.5 μg/mL (83 times 30 ng/mL with prior method with CHO cell) of recombinant human selenoprotein P was obtained.

=> DIS L3 3 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:529749 CAPLUS
DOCUMENT NUMBER: 141:65101
TITLE: Selenocysteine-containing proteins and peptides as antiinflammatory agents
INVENTOR(S): Matsuyama, Reiko; Kawamura, Ryoichi; Sasaki, Takumi; Naruse, Takeshi; Hirashima, Masaki; Maeda, Hiroaki
PATENT ASSIGNEE(S): D.N.H. Chip Kenkyusho K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2004182683 | A | 20040702 | JP 2002-354122 | 20021205 |

PRIORITY APPLN. INFO.: JP 2002-354122 20021205
ABSTRACT:

Selenocysteine-containing proteins and peptides, including selenoprotein P, are claimed as antiinflammatory agents for treatment of IL-6 formation-related inflammatory diseases.

=> DIS L3 4 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:490735 CAPLUS
DOCUMENT NUMBER: 141:47351
TITLE: Novel agent for improving neurotransmission failure
INVENTOR(S): Kawamura, Ryoichi; Naruse, Takeshi; Hirashima, Masaki; Kaminaka, Kazuyoshi; Matsuda, Junichi; Maeda, Hiroaki; Noda, Mami; Wada, Keiji
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004050114 | A1 | 20040617 | WO 2003-JP15227 | 20031128 |
| W: US | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2004182616 | A | 20040702 | JP 2002-348714 | 20021129 |
| EP 1566181 | A1 | 20050824 | EP 2003-812336 | 20031128 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK | | | | |
| US 2006211609 | A1 | 20060921 | US 2005-536963 | 20050531 |
| PRIORITY APPLN. INFO.: | | | JP 2002-348714 A | 20021129 |
| | | | WO 2003-JP15227 W | 20031128 |

ABSTRACT:
It is intended to provide a novel agent for improving neurotransmission failure. In a preferable case, an agent for improving neurotransmission failure which contains, as the major active ingredient(s), a selenocysteine-containing protein typified by selenoprotein P, a C-terminal peptide of this protein or such peptides. This agent is appropriate in improving neurotransmission failure diseases caused by various factors.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 5 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:154459 CAPLUS
DOCUMENT NUMBER: 138:193237
TITLE: Method of preparing peptide fragment having cell death inhibitory activity
INVENTOR(S): Kamei, Shintaro; Hamamoto, Takayoshi; Hirashima, Masaki; Maeda, Hiroaki; Takahashi, Kazuhiko
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan

SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
|---|---|---|---|---|---|
| WO 2003016347 | A1 | 20030227 | WO 2002-JP8042 | | 20020807 |
| W: AU, CA, JP, US | | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR | | | | | |
| EP 1418182 | A1 | 20040512 | EP 2002-760561 | | 20020807 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK | | | | | |
| US 2004197852 | A1 | 20041007 | US 2004-486267 | | 20040209 |
| PRIORITY APPLN. INFO.: | | | JP 2001-242093 | A | 20010809 |
| | | | WO 2002-JP8042 | W | 20020807 |

ABSTRACT:
To obtain a selenoprotein P fragment having a cell death inhibitory activity, full-length mols. are treated with various serine proteases and the results are evaluated based on electrophoresis and cell death inhibitory activity. Thus, an enzyme forming an active band assignable to a mol. weight of 35,000 or less is clarified by the electrophoresis and, as a result, a method of preparing the selenoprotein P fragment is established. This method of preparing a peptide fragment having a cell death inhibitory activity is usable in relieving, treating and preventing diseases caused by cell death, elevating the efficiency in producing a useful biol. substance in cultured cells, etc.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 6 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:68546 CAPLUS
DOCUMENT NUMBER: 138:131107
TITLE: Selenoprotein P and its peptide analogs for diagnosis and treatment of rheumatism
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Maeda, Hiroaki; Nozaki, Chikateru; Maruyama, Ikuo; Takahashi, Kazuhiko
PATENT ASSIGNEE(S): Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2003026598 | A | 20030129 | JP 2001-194617 | 20010627 |
| PRIORITY APPLN. INFO.: | | | JP 2001-194617 | 20010627 |

ABSTRACT:
Selenoprotein P and its peptide analogs are claimed for prevention and treatment of rheumatism. Determination of blood or tissue selenoprotein P can also be used as a marker for diagnosis of chronic rheumatoid arthritis by using ELISA, RIA, Western blot, and other immunoassay.

=> DIS L3 7 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:888926 CAPLUS
DOCUMENT NUMBER: 137:380908
TITLE: Screening system for inhibitors of cell apoptosis and the use of the system for screening of selenocystine
INVENTOR(S): Hirashima, Masaki; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Hattori, Wataru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002092810 | A1 | 20021121 | WO 2002-JP4557 | 20020510 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| EP 1386963 | A1 | 20040204 | EP 2002-724757 | 20020510 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| EP 1726649 | A2 | 20061129 | EP 2006-10000 | 20020510 |
| R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR | | | | |
| US 2005143311 | A1 | 20050630 | US 2003-477101 | 20031110 |

PRIORITY APPLN. INFO.:
JP 2001-141466 A 20010511
EP 2002-724757 A3 20020510
WO 2002-JP4557 W 20020510

ABSTRACT:
This invention provides a system for screening of inhibitors of cell apoptosis. The effect of substances on the cell death in serum free medium containing albumin and fatty acid was used for screening inhibitor of apoptosis. In this system, the decrease of peroxidized fat content and increase of glutathione peroxidase activity were used as indicators for inhibition of apoptosis. Using the system provided in this invention, the 260-362 fragment of selenoprotein P was screened as low cytotoxic cell apoptosis inhibitor.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 8 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:888588 CAPLUS
DOCUMENT NUMBER: 137:380034
TITLE: Novel remedies for neurodegenerative disease
INVENTOR(S): Hirashima, Masaki; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Fukushima, Hidenao

PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002092121 | A1 | 20021121 | WO 2002-JP4558 | 20020510 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| EP 1393740 | A1 | 20040303 | EP 2002-769564 | 20020510 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| US 2005143310 | A1 | 20050630 | US 2003-477216 | 20031110 |

PRIORITY APPLN. INFO.: JP 2001-141462 A 20010511
WO 2002-JP4558 W 20020510

ABSTRACT:
Remedies for neurodegenerative diseases which comprise selenoprotein P or C-terminal peptide(s) of this protein as the main active ingredient. These remedies are appropriately usable for neurodegenerative diseases showing motor ataxia as the major symptom.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 9 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:754241 CAPLUS
DOCUMENT NUMBER: 137:273195
TITLE: Novel drugs containing selenoprotein P for preventing/treating immune diseases
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002076493 | A1 | 20021003 | WO 2002-JP2645 | 20020320 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |

PRIORITY APPLN. INFO.: JP 2001-84049 A 20010323

ABSTRACT:
Disclosed are novel preventives and remedies for immunopathic diseases which contain selenoprotein P and/or peptide(s) of this protein as the main component. These preventives and remedies are appropriately usable for autoimmune diseases typified by rheumatoid arthritis and multiple sclerosis and

allergic diseases typified by bronchial asthma. A selenoprotein P fragment was isolated from human plasma, and its effect on collagen-induced arthritis in mouse was examined

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 10 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:754240 CAPLUS
DOCUMENT NUMBER: 137:273220
TITLE: Novel agents containing selenoprotein P for ameliorating motor disorder
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
|---|---|---|---|---|---|
| WO 2002076492 | A1 | 20021003 | WO 2001-JP7525 | | 20010831 |
| W: AU, CA, JP, US | | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | | |
| CA 2441403 | A1 | 20021003 | CA 2001-2441403 | | 20010831 |
| EP 1374887 | A1 | 20040102 | EP 2001-961246 | | 20010831 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | | |
| US 2005037954 | A1 | 20050217 | US 2003-472444 | | 20030923 |
| PRIORITY APPLN. INFO.: | | | JP 2001-84050 | A | 20010323 |
| | | | WO 2001-JP7525 | W | 20010831 |

ABSTRACT:
Disclosed are novel remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) which contain as the main component(s) ***selenoprotein*** P and/or peptide(s) of this protein. These remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) are appropriately usable particularly for diseases in association with depression in motor function. A selenoprotein P fragment was isolated from human plasma, and its effect on motor disorder in Klotho mouse was examined

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L3 11 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:147620 CAPLUS
DOCUMENT NUMBER: 136:194250
TITLE: Selenoprotein P and its peptide analogs as new inhibitors for ischemia-reperfusion injury

INVENTOR(S): Hirashima, Masaki; Maeda, Hiroaki; Nozaki, Tadahide
PATENT ASSIGNEE(S): Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2002060346 | A | 20020226 | JP 2001-54750 | 20010228 |
| WO 2002067976 | A1 | 20020906 | WO 2001-JP7524 | 20010831 |
| W: AU, CA, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |

PRIORITY APPLN. INFO.:

| | | |
|---|---|---|
| JP 2000-148908 | A | 20000519 |
| JP 2000-174294 | A | 20000609 |
| JP 2001-54750 | A | 20010228 |

ABSTRACT:
Selenoprotein P and its peptide analogs are claimed as new inhibitors for ischemia-reperfusion injury, including cerebral infarction, myocardial infarction, motor dysfunction from vascular injury, and other organ and tissue damage from organ transplants.

=> DIS L3 12 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:368427 CAPLUS
DOCUMENT NUMBER: 133:16306
TITLE: Peptide fragments having cell death inhibitory activity
INVENTOR(S): Hirashima, Masaki; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2000031131 | A1 | 20000602 | WO 1999-JP6322 | 19991112 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| CA 2351558 | A1 | 20000602 | CA 1999-2351558 | 19991112 |
| AU 2000011795 | A | 20000613 | AU 2000-11795 | 19991112 |
| EP 1132402 | A1 | 20010912 | EP 1999-972642 | 19991112 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| US 2005281808 | A1 | 20051222 | US 2005-185859 | 20050721 |

PRIORITY APPLN. INFO.:

| | | |
|---|---|---|
| JP 1998-347863 | A | 19981119 |
| WO 1999-JP6322 | W | 19991112 |
| US 2001-856199 | A3 | 20010518 |

ABSTRACT:

Peptide fragment(s) having an activity of inhibiting cell death which contain the amino acid sequence consisting of 103 amino acid residues in the C-terminal side of selenoprotein P, an amino acid sequence derived from the above amino acid sequence by deletion, substitution or addition of one or several amino acids therein, or a partial sequence of either of the above amino acid sequences; remedies containing the above peptide fragment(s); antibodies against the above peptide fragment(s); and a method for screening a cell death inhibitory activity with the use of the above peptide fragment(s). Preferable examples of the above peptide fragment(s) are those containing the amino acid sequence(s) represented by SEQ ID NO:1 and/or 2 or partial sequences thereof. The cell death-inhibiting peptide fragments are useful for drug screening and for preventing and treating apoptosis-associated diseases such as AIDS, Parkinson's disease, Alzheimer's disease, atherosclerosis, myocardial infarction, cerebral infarction, organ transplant, reperfusion injury, etc.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=> E KAMINAKA KAZUYOSHI/IN 25
E1            4      KAMINAKA KAZUSHIGE/IN
E2            1      KAMINAKA KAZUYA/IN
E3            6 --> KAMINAKA KAZUYOSHI/IN
E4            1      KAMINAKA MAKOTO/IN
E5           29      KAMINAKA MANABU/IN
E6            1      KAMINAKA MASAO/IN
E7            1      KAMINAKA MIOJI/IN
E8            5      KAMINAKA MOTOFUMI/IN
E9            1      KAMINAKA NOBUYUKI/IN
E10           1      KAMINAKA NORIAKI/IN
E11           1      KAMINAKA SARA/IN
E12           1      KAMINAKA SHIGEYOSHI/IN
E13           1      KAMINAKA SHOJI/IN
E14           2      KAMINAKA TOSHIMITSU/IN
E15           2      KAMINAKA TOSHIYUKI/IN
E16           1      KAMINAKA YAMATO/IN
E17           1      KAMINAKA YOSHIMI/IN
E18           2      KAMINAKA YOSHINORI/IN
E19          19      KAMINAKAI HIROAKI/IN
E20           7      KAMINAKAI KAZUO/IN
E21          18      KAMINAMI SEIJI/IN
E22           1      KAMINAMI TAKASHI/IN
E23          21      KAMINAMI YASUO/IN
E24           1      KAMINAN MASAHIRO/IN
E25           5      KAMINAN TAKESHI/IN

=> S (E3) AND (SELENOPROTEIN)
             6 "KAMINAKA KAZUYOSHI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L4           1 ("KAMINAKA KAZUYOSHI"/IN) AND (SELENOPROTEIN)

=> DIS L4 1 TI

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Novel agent for improving neurotransmission failure


=> E MATSUDA JUNICHI/IN 25
E1            8      MATSUDA JUJIRO/IN
E2           20      MATSUDA JUN/IN
E3           77 --> MATSUDA JUNICHI/IN
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E4            5     MATSUDA JUNICHIRO/IN
E5            1     MATSUDA JUNICHIROU/IN
E6           30     MATSUDA JUNJI/IN
E7            4     MATSUDA JUNKO/IN
E8            3     MATSUDA JUNYA/IN
E9            7     MATSUDA JUZO/IN
E10           4     MATSUDA JUZOU/IN
E11          17     MATSUDA KAMEMATSU/IN
E12           1     MATSUDA KAMETARO/IN
E13           4     MATSUDA KANAME/IN
E14           1     MATSUDA KANEAKI/IN
E15          13     MATSUDA KANEO/IN
E16           6     MATSUDA KANJI/IN
E17           2     MATSUDA KANKO/IN
E18           1     MATSUDA KANKOU/IN
E19           3     MATSUDA KANSHI/IN
E20           4     MATSUDA KAORI/IN
E21          44     MATSUDA KAORU/IN
E22          13     MATSUDA KATAYOSHI/IN
E23           3     MATSUDA KATSU/IN
E24           1     MATSUDA KATSUAKI/IN
E25           1     MATSUDA KATSUHIDE/IN

=> S (E3) AND (SELENOPROTEIN)
            77 "MATSUDA JUNICHI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L5            2 ("MATSUDA JUNICHI"/IN) AND (SELENOPROTEIN)

=> DIS L5 1 TI

L5   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Recombinant expression of selenocysteine-containing proteins in animal
     cells: secretion of human selenoprotein P in milk of transgenic
     mouse with β-casein promoter


=> DIS L5 2 TI

L5   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Novel agent for improving neurotransmission failure


=> E MAEDA HIROAKI/IN 25
E1            2     MAEDA HIKARI/IN
E2            2     MAEDA HIKARU/IN
E3           80 --> MAEDA HIROAKI/IN
E4            3     MAEDA HIROBUMI/IN
E5           25     MAEDA HIROE/IN
E6           13     MAEDA HIROFUMI/IN
E7            1     MAEDA HIROHISA/IN
E8            7     MAEDA HIROHITO/IN
E9            1     MAEDA HIROHUMI/IN
E10           2     MAEDA HIROICHI/IN
E11          11     MAEDA HIROJI/IN
E12          12     MAEDA HIROKAGE/IN
E13           2     MAEDA HIROKATSU/IN
E14          33     MAEDA HIROKAZU/IN
E15          40     MAEDA HIROKI/IN
E16           2     MAEDA HIROKICHI/IN
E17          31     MAEDA HIROKO/IN
E18           2     MAEDA HIROKUNI/IN
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E19          1     MAEDA HIROMASA/IN
E20         57     MAEDA HIROMI/IN
E21          4     MAEDA HIROMITSU/IN
E22          5     MAEDA HIROMU/IN
E23          1     MAEDA HIRONAGA/IN
E24          6     MAEDA HIRONARI/IN
E25          9     MAEDA HIRONOBU/IN

=> S (E3) AND (SELENOPROTEIN)
            80 "MAEDA HIROAKI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L6          11 ("MAEDA HIROAKI"/IN) AND (SELENOPROTEIN)

=> DIS L6 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6   ANSWER 1 OF 11  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2004:1038232  CAPLUS
DOCUMENT NUMBER:          142:18453
TITLE:                    Recombinant expression of selenocysteine-containing
                          proteins in animal cells: secretion of human
                          selenoprotein P in milk of transgenic mouse
                          with β-casein promoter
INVENTOR(S):              Hosoe, Misa; Tokunaga, Tomoyuki; Furusawa, Ki;
                          Takahashi, Kiyoya; Matsuda, Junichi; Hirashima,
                          Masaki; Uenaka, Kazuyoshi; Maeda, Hiroaki
PATENT ASSIGNEE(S):       The Chemo-Sero-Therapeutic Research Institute, Japan;
                          National Institute of Agrobiological Resources NIAR;
                          National Institute of Agro-Environmental Sciences
SOURCE:                   Jpn. Kokai Tokkyo Koho, 22 pp.
                          CODEN: JKXXAF
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     JP 2004337090         A     20041202    JP 2003-138582          20030516
PRIORITY APPLN. INFO.:                       JP 2003-138582          20030516
ABSTRACT:
A gene construct for recombinant expression of selenocysteine-containing proteins,
and its use in production of selenoproteins in animal cells, in are
disclosed.  The expression unit contains a regulatory sequence specific for
secretory organs, selenoprotein coding sequence, and a selenocysteine
insertion sequence (SECIS) located in the 3'-UTR.  Transcriptional control
sequence of β-casein, β-lactoglobulin, or whey acidic protein for
secretion in milk, regulatory sequence of blood proteins, or liver expressed
proteins for serum secretion, and other for urinary or semen secretion, is
used.  Egg, embryo, ES cell, primordial germ cell (PGC), or somatic cell is
transformed with the expression construct to obtain a transgenic animal cell,
which can be transplanted into a mammal or a bird.  In order to secrete into
milk, human selenoprotein P cDNA was ligated to bovine β-casein
gene promoter.  The resulting expression unit was microinjected into a mouse
fertilized egg.  Up to 2.5 μg/mL (83 times 30 ng/mL with prior method with
CHO cell) of recombinant human selenoprotein P was obtained.


=> DIS L6 2 IBIB IABS
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THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:529749 CAPLUS
DOCUMENT NUMBER: 141:65101
TITLE: Selenocysteine-containing proteins and peptides as antiinflammatory agents
INVENTOR(S): Matsuyama, Reiko; Kawamura, Ryoichi; Sasaki, Takumi; Naruse, Takeshi; Hirashima, Masaki; Maeda, Hiroaki
PATENT ASSIGNEE(S): D.N.H. Chip Kenkyusho K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2004182683 | A | 20040702 | JP 2002-354122 | 20021205 |

PRIORITY APPLN. INFO.: JP 2002-354122 20021205
ABSTRACT:
Selenocysteine-containing proteins and peptides, including selenoprotein P, are claimed as antiinflammatory agents for treatment of IL-6 formation-related inflammatory diseases.

=> DIS L6 3 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:490735 CAPLUS
DOCUMENT NUMBER: 141:47351
TITLE: Novel agent for improving neurotransmission failure
INVENTOR(S): Kawamura, Ryoichi; Naruse, Takeshi; Hirashima, Masaki; Kaminaka, Kazuyoshi; Matsuda, Junichi; Maeda, Hiroaki; Noda, Mami; Wada, Keiji
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004050114 | A1 | 20040617 | WO 2003-JP15227 | 20031128 |
| W: US | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2004182616 | A | 20040702 | JP 2002-348714 | 20021129 |
| EP 1566181 | A1 | 20050824 | EP 2003-812336 | 20031128 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK | | | | |
| US 2006211609 | A1 | 20060921 | US 2005-536963 | 20050531 |

PRIORITY APPLN. INFO.: JP 2002-348714 A 20021129
WO 2003-JP15227 W 20031128

ABSTRACT:

It is intended to provide a novel agent for improving neurotransmission failure. In a preferable case, an agent for improving neurotransmission failure which contains, as the major active ingredient(s), a selenocysteine-containing protein typified by selenoprotein P, a C-terminal peptide of this protein or such peptides. This agent is appropriate in improving neurotransmission failure diseases caused by various factors.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 4 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:154459 CAPLUS
DOCUMENT NUMBER: 138:193237
TITLE: Method of preparing peptide fragment having cell death inhibitory activity
INVENTOR(S): Kamei, Shintaro; Hamamoto, Takayoshi; Hirashima, Masaki; Maeda, Hiroaki; Takahashi, Kazuhiko
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
|---|---|---|---|---|---|
| WO 2003016347 | A1 | 20030227 | WO 2002-JP8042 | | 20020807 |
| W: AU, CA, JP, US | | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR | | | | | |
| EP 1418182 | A1 | 20040512 | EP 2002-760561 | | 20020807 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK | | | | | |
| US 2004197852 | A1 | 20041007 | US 2004-486267 | | 20040209 |
| PRIORITY APPLN. INFO.: | | | JP 2001-242093 | A | 20010809 |
| | | | WO 2002-JP8042 | W | 20020807 |

ABSTRACT:
To obtain a selenoprotein P fragment having a cell death inhibitory activity, full-length mols. are treated with various serine proteases and the results are evaluated based on electrophoresis and cell death inhibitory activity. Thus, an enzyme forming an active band assignable to a mol. weight of 35,000 or less is clarified by the electrophoresis and, as a result, a method of preparing the selenoprotein P fragment is established. This method of preparing a peptide fragment having a cell death inhibitory activity is usable in relieving, treating and preventing diseases caused by cell death, elevating the efficiency in producing a useful biol. substance in cultured cells, etc.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 5 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:68546 CAPLUS

DOCUMENT NUMBER: 138:131107
TITLE: Selenoprotein P and its peptide analogs for diagnosis and treatment of rheumatism
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Maeda, Hiroaki; Nozaki, Chikateru; Maruyama, Ikuo; Takahashi, Kazuhiko
PATENT ASSIGNEE(S): Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2003026598 | A | 20030129 | JP 2001-194617 | 20010627 |

PRIORITY APPLN. INFO.: JP 2001-194617 20010627
ABSTRACT:
Selenoprotein P and its peptide analogs are claimed for prevention and treatment of rheumatism. Determination of blood or tissue selenoprotein P can also be used as a marker for diagnosis of chronic rheumatoid arthritis by using ELISA, RIA, Western blot, and other immunoassay.

=> DIS L6 6 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:888926 CAPLUS
DOCUMENT NUMBER: 137:380908
TITLE: Screening system for inhibitors of cell apoptosis and the use of the system for screening of selenocystine
INVENTOR(S): Hirashima, Masaki; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Hattori, Wataru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002092810 | A1 | 20021121 | WO 2002-JP4557 | 20020510 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| EP 1386963 | A1 | 20040204 | EP 2002-724757 | 20020510 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| EP 1726649 | A2 | 20061129 | EP 2006-10000 | 20020510 |
| R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR | | | | |
| US 2005143311 | A1 | 20050630 | US 2003-477101 | 20031110 |

PRIORITY APPLN. INFO.:
JP 2001-141466 A 20010511
EP 2002-724757 A3 20020510
WO 2002-JP4557 W 20020510

ABSTRACT:
This invention provides a system for screening of inhibitors of cell apoptosis. The effect of substances on the cell death in serum free medium containing albumin and fatty acid was used for screening inhibitor of apoptosis. In this system, the decrease of peroxidized fat content and increase of glutathione peroxidase activity were used as indicators for inhibition of apoptosis. Using the system provided in this invention, the 260-362 fragment of selenoprotein P was screened as low cytotoxic cell apoptosis inhibitor.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 7 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:888588 CAPLUS
DOCUMENT NUMBER: 137:380034
TITLE: Novel remedies for neurodegenerative disease
INVENTOR(S): Hirashima, Masaki; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru; Goto, Takeshi; Akiyama, Katsuhiko; Fukushima, Hidenao
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan; Hisamitsu Pharmaceutical Co., Inc.
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002092121 | A1 | 20021121 | WO 2002-JP4558 | 20020510 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| EP 1393740 | A1 | 20040303 | EP 2002-769564 | 20020510 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| US 2005143310 | A1 | 20050630 | US 2003-477216 | 20031110 |
| PRIORITY APPLN. INFO.: | | | JP 2001-141462 A | 20010511 |
| | | | WO 2002-JP4558 W | 20020510 |

ABSTRACT:
Remedies for neurodegenerative diseases which comprise selenoprotein P or C-terminal peptide(s) of this protein as the main active ingredient. These remedies are appropriately usable for neurodegenerative diseases showing motor ataxia as the major symptom.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 8 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:754241 CAPLUS
DOCUMENT NUMBER: 137:273195
TITLE: Novel drugs containing selenoprotein P for

preventing/treating immune diseases
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002076493 | A1 | 20021003 | WO 2002-JP2645 | 20020320 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |

PRIORITY APPLN. INFO.: JP 2001-84049 A 20010323

ABSTRACT:
Disclosed are novel preventives and remedies for immunopathic diseases which contain selenoprotein P and/or peptide(s) of this protein as the main component. These preventives and remedies are appropriately usable for autoimmune diseases typified by rheumatoid arthritis and multiple sclerosis and allergic diseases typified by bronchial asthma. A selenoprotein P fragment was isolated from human plasma, and its effect on collagen-induced arthritis in mouse was examined

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 9 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:754240 CAPLUS
DOCUMENT NUMBER: 137:273220
TITLE: Novel agents containing selenoprotein P for ameliorating motor disorder
INVENTOR(S): Hirashima, Masaki; Sasaki, Takumi; Naruse, Takeshi; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2002076492 | A1 | 20021003 | WO 2001-JP7525 | 20010831 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| CA 2441403 | A1 | 20021003 | CA 2001-2441403 | 20010831 |
| EP 1374887 | A1 | 20040102 | EP 2001-961246 | 20010831 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| US 2005037954 | A1 | 20050217 | US 2003-472444 | 20030923 |

PRIORITY APPLN. INFO.: JP 2001-84050 A 20010323

WO 2001-JP7525 W 20010831

ABSTRACT:
Disclosed are novel remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) which contain as the main component(s) ***selenoprotein*** P and/or peptide(s) of this protein. These remedies for neurodegenerative diseases (in particular, agents for ameliorating motor disorder) are appropriately usable particularly for diseases in association with depression in motor function. A selenoprotein P fragment was isolated from human plasma, and its effect on motor disorder in Klotho mouse was examined

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L6 10 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:147620 CAPLUS
DOCUMENT NUMBER: 136:194250
TITLE: Selenoprotein P and its peptide analogs as new inhibitors for ischemia-reperfusion injury
INVENTOR(S): Hirashima, Masaki; Maeda, Hiroaki; Nozaki, Tadahide
PATENT ASSIGNEE(S): Chemo-Sero-Therapeutic Research Institute, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| JP 2002060346 | A | 20020226 | JP 2001-54750 | 20010228 |
| WO 2002067976 | A1 | 20020906 | WO 2001-JP7524 | 20010831 |
| W: AU, CA, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |

PRIORITY APPLN. INFO.:
JP 2000-148908 A 20000519
JP 2000-174294 A 20000609
JP 2001-54750 A 20010228

ABSTRACT:
Selenoprotein P and its peptide analogs are claimed as new inhibitors for ischemia-reperfusion injury, including cerebral infarction, myocardial infarction, motor dysfunction from vascular injury, and other organ and tissue damage from organ transplants.

=> DIS L6 11 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:368427 CAPLUS
DOCUMENT NUMBER: 133:16306
TITLE: Peptide fragments having cell death inhibitory activity
INVENTOR(S): Hirashima, Masaki; Maeda, Hiroaki; Nozaki, Chikateru
PATENT ASSIGNEE(S): Juridical Foundation the Chemo-Sero-Therapeutic

Research Institute, Japan
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2000031131 | A1 | 20000602 | WO 1999-JP6322 | 19991112 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| CA 2351558 | A1 | 20000602 | CA 1999-2351558 | 19991112 |
| AU 2000011795 | A | 20000613 | AU 2000-11795 | 19991112 |
| EP 1132402 | A1 | 20010912 | EP 1999-972642 | 19991112 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| US 2005281808 | A1 | 20051222 | US 2005-185859 | 20050721 |
| PRIORITY APPLN. INFO.: | | | JP 1998-347863 A | 19981119 |
| | | | WO 1999-JP6322 W | 19991112 |
| | | | US 2001-856199 A3 | 20010518 |

ABSTRACT:
Peptide fragment(s) having an activity of inhibiting cell death which contain the amino acid sequence consisting of 103 amino acid residues in the C-terminal side of selenoprotein P, an amino acid sequence derived from the above amino acid sequence by deletion, substitution or addition of one or several amino acids therein, or a partial sequence of either of the above amino acid sequences; remedies containing the above peptide fragment(s); antibodies against the above peptide fragment(s); and a method for screening a cell death inhibitory activity with the use of the above peptide fragment(s). Preferable examples of the above peptide fragment(s) are those containing the amino acid sequence(s) represented by SEQ ID NO:1 and/or 2 or partial sequences thereof. The cell death-inhibiting peptide fragments are useful for drug screening and for preventing and treating apoptosis-associated diseases such as AIDS, Parkinson's disease, Alzheimer's disease, atherosclerosis, myocardial infarction, cerebral infarction, organ transplant, reperfusion injury, etc.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> E NODA MAMI/IN 25

| | | | |
|---|---|---|---|
| E1 | 1 | | NODA LEIGH TAKEO/IN |
| E2 | 39 | | NODA MAKOTO/IN |
| E3 | 1 | --> | NODA MAMI/IN |
| E4 | 2 | | NODA MANABU/IN |
| E5 | 9 | | NODA MANDA/IN |
| E6 | 1 | | NODA MAREKAZU/IN |
| E7 | 30 | | NODA MARIKO/IN |
| E8 | 44 | | NODA MASAAKI/IN |
| E9 | 4 | | NODA MASAFUMI/IN |
| E10 | 45 | | NODA MASAHARU/IN |
| E11 | 6 | | NODA MASAHIKO/IN |
| E12 | 63 | | NODA MASAHIRO/IN |
| E13 | 1 | | NODA MASAJI/IN |
| E14 | 13 | | NODA MASAJIRO/IN |
| E15 | 1 | | NODA MASAKATSU/IN |
| E16 | 2 | | NODA MASAKAZU/IN |
| E17 | 30 | | NODA MASAKI/IN |
| E18 | 3 | | NODA MASAKUNI/IN |
| E19 | 20 | | NODA MASAMI/IN |
| E20 | 36 | | NODA MASANORI/IN |

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E21           5      NODA MASAO/IN
E22           1      NODA MASAOKI/IN
E23          10      NODA MASARU/IN
E24          20      NODA MASASHI/IN
E25           3      NODA MASATAKA/IN

=> S (E3) AND (SELENOPROTEIN)
             1 "NODA MAMI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L7            1 ("NODA MAMI"/IN) AND (SELENOPROTEIN)

=> DIS L7 1 TI

L7   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Novel agent for improving neurotransmission failure


=> E WADA KEIJI/IN 25
E1           21      WADA KEIICHIRO/IN
E2            1      WADA KEIICHIROU/IN
E3           55 --> WADA KEIJI/IN
E4            2      WADA KEIKI/IN
E5            4      WADA KEIKO/IN
E6           17      WADA KEISHI/IN
E7            1      WADA KEISHIRO/IN
E8           54      WADA KEISUKE/IN
E9            1      WADA KEITARO/IN
E10           2      WADA KEIZO/IN
E11           1      WADA KEIZUKE/IN
E12           1      WADA KEJI/IN
E13           2      WADA KEN/IN
E14          82      WADA KENICHI/IN
E15         183      WADA KENJI/IN
E16           1      WADA KENNETH R/IN
E17           1      WADA KENNOSUKE/IN
E18           2      WADA KENSHI/IN
E19           2      WADA KENSUKE/IN
E20           2      WADA KENTA/IN
E21           2      WADA KENTARO/IN
E22          19      WADA KENYA/IN
E23           5      WADA KENZO/IN
E24           1      WADA KICHIRO/IN
E25           1      WADA KIICHIRO/IN

=> S (E3) AND (SELENOPROTEIN)
            55 "WADA KEIJI"/IN
          1089 SELENOPROTEIN
           626 SELENOPROTEINS
          1298 SELENOPROTEIN
                 (SELENOPROTEIN OR SELENOPROTEINS)
L8            1 ("WADA KEIJI"/IN) AND (SELENOPROTEIN)

=> DIS L8 1 TI

L8   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Novel agent for improving neurotransmission failure


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